

# Sweeping academic proposals readied for faculty vote

By Bill Judnick

The faculty Committee on Educational Policy is currently drafting the recommendations it will present to the faculty, next Wednesday, concerning the proposals of the Committee on Curriculum Content Planning in their final report which will be distributed to the faculty later this week.

The CCCP, in a follow-up to last year's "Zacharias Report" (after its chairman), will express many of its recommendations to

the faculty in the form of a "dialogue."

## CCCP Dialogue

The dialogue outlined three "major recommendations."

1) "Increased allocation of Institute resources to planning, coordination and continued modification of basic subjects;"

2) A restructuring of the curriculum—including the introduction of "earlier branching" within the framework of the science core.

3) "Our third major recommendation is that paths be made available within departments for students who do not want a full professional course."

## Basic subjects

"Content" of the core subjects was broadly defined in the dialogue to include teaching methods, materials and organization.

The CCCP stressed that although the current curriculum revision effort is sufficiently intensive, "the effort needs to be a

continuing one, and a more thorough basic commitment of resources is desirable."

The committee cited such work as the revision of freshman physics courses (effective in September), the "intensive study being made of ways to teach quantum mechanics in the sophomore year," the "marked" revisions already present in the beginning calculus courses, and the recently-announced changes in the Institute humanities requirements—all exemplary of the type of work the CCCP would stress for the future.

Commenting upon the seeming "severity" of the new physics offerings to freshmen, as seen by one member of the "dialogue," the committee rejoined: "No, that really isn't true. The detailed syllabus shows that a considerable amount of material has been left out, especially on formal derivations and manipulations."

The Committee on Curriculum Content Planning also expressed their view in the dialogue that

problems associated with such planning and revision—staffing, administrative, and organizational—were secondary in importance to the revisions themselves. They felt that: "Solutions to organizational problems will grow out of such planning. If they do not, the faculty should turn to a more direct concern with such problems."

## The curriculum

The CCCP described its second major proposal as follows:—

"We recommend a common core in science of one 12-unit subject in chemistry, two 12-unit subjects in mathematics, and two 12-unit subjects in physics."

"In addition, we recommend that every student be required to take a distribution of three 12-unit science area electives and one 12-unit laboratory elective."

"We recommend that the freshman and sophomore requirement in humanities and social science consist of four 9-unit courses in the general pattern recently voted by the faculty."

(Please turn to page 8)

## Equal opportunity affirmed

President Julius A. Stratton has reaffirmed MIT's long-standing tradition of equal employment opportunity in an official policy statement. Copies have been sent to all department heads and laboratory directors throughout the Institute.

The president's letter, which accompanies the policy statement, stressed MIT's long history of providing equal opportunity in employment. There has been little need in the past for any formal statement of principles so implicitly understood and practiced.

The letter continued:

"However, in a world deeply stirred by the efforts of minority groups to secure equality of treatment and opportunity, it now seems essential to reaffirm and to make specific . . . this long-standing tradition. There must be

no possibility of doubt as to our position on an issue of such great importance to the country and of such deep personal concern to many at MIT."

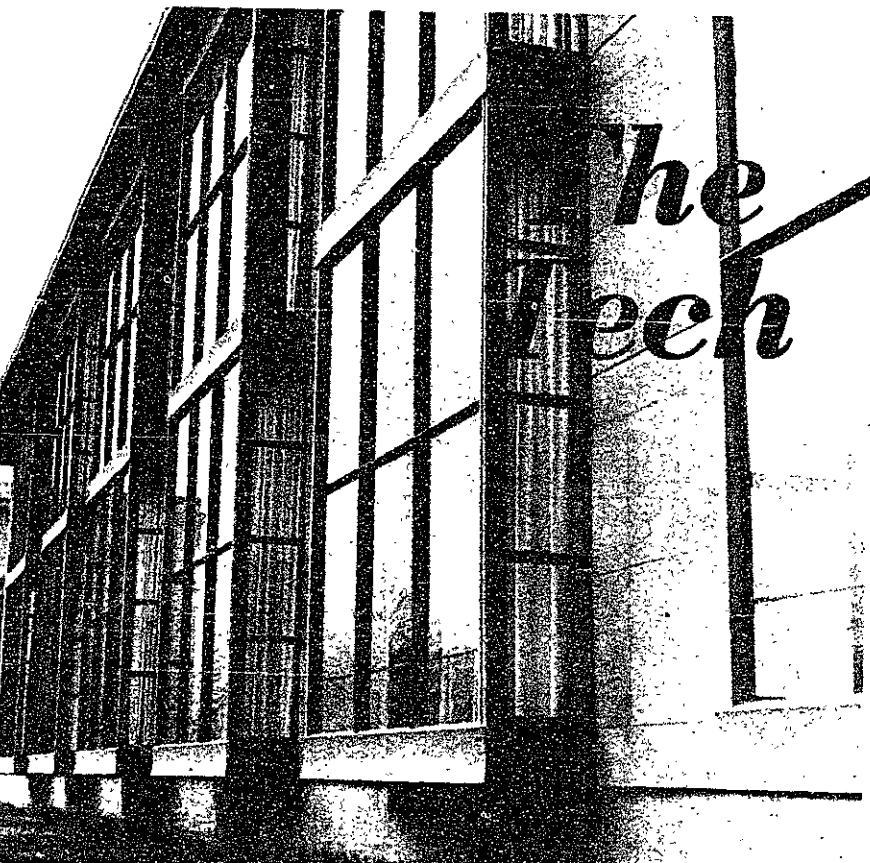
Philip A. Stoddard, vice president of operations and Personnel, has instructed all supervisory personnel to post the official statement in their respective areas of responsibility. According to the policy he is responsible for communicating and interpreting the Institute's nondiscrimination policy.

The official declaration states: "It is the policy of the Massachusetts Institute of Technology to employ persons solely on the

basis of qualification for the work and to assign work, to pay, promote, and offer training to all persons on the same basis without regard to race, creed, color, national origin, or age."

"The Institute will continue its policy of equal opportunity and nondiscrimination in transfers, promotions, terminations, training and tuition assistance."

The policy statement also specifies hiring policies, continued use of the phrase "An Equal Opportunity Employer" in recruitment advertising, and equal access to work areas and other facilities of the Institute.



Vol. 84, No. 13 Cambridge, Mass., Wednesday, May 13, 1964 5c

## Military Day

### Awards given to 27 cadets

The annual Military Day exercises were held yesterday at 4 p.m. on Briggs Field. The ceremonies consisted of awards presentations and a review of all MIT ROTC units.

During the ceremonies, 54 cadets and midshipmen of the Departments of Military, Naval and Air Science here were presented awards and medals for outstanding achievement.

President Julius A. Stratton was the reviewing official. He was joined in the reviewing party by nearly 20 other dignitaries from both the military and MIT.

Among the awards granted were the following:

Superior Cadet awards from the Department of the Army were presented to Cadet Major Lawrence

Castro '64, Cadet Sergeant John Murray '65, Cadet Corporal Edmund Notzon III '66, and Cadet Private First Class Richard Simpson '67.

The Naval Institute Award was given to Midshipman Lieutenant Michael Drooker '64.

The Professor of Air Science Awards were presented to Cadet Lieutenant Colonel Aubrey Grey '64, Cadet First Lieutenant John Edgar '65, Cadet Technical Sergeant Harold Barnes '66, and Cadet Airman Second Class Herbert Schulze '67.

The remaining awards were then presented, after which all ROTC units marched past the reviewing party.

## Scholarship policy

### Need for aid stressed

Elmer D. West, research director of the American Council on Education, urged last week a complete review of university policy in awarding scholarships. After analyzing the records of 65 four-year colleges and universities, West concluded that too few scholarships are awarded to students from low-income families.

According to the Collegiate Press Service, West's report included the following statistics:—

More than twice as many scholarships were awarded to students from families with income above \$13,000 than to students whose families had incomes below \$3,000.

A greater per cent of the scholarship applicants from families whose income was between \$9,000 and \$11,000 were aided than were applicants from families with income below \$3,000.

According to West, "even when one takes into consideration such things as the number of children, other dependents, indebtedness and so on in high income families, it is difficult to accept our figures without concern."

What is needed, he continued, is a re-evaluation of scholarship aid strictly according to the difference between what the family is judged able to afford and what it will cost the student to attend the institution.

West admitted that this would tend to reduce the number of scholarships granted to students from high income families. To alleviate this problem, he urged that high income families "make greater use of loan funds on the assumption that their financial difficulty in meeting college expenses was temporary."

West advocated, as a simple partial solution to the basic problem, the awarding of two separate types of scholarships. One would be honor scholarships for competitive students and the other would be grants in aid to needy students. He indicated that prestige rather than financial aid may be a primary factor for students from high income families to seek scholarships.

## Belluschi named to jury for selecting developer for Government Center

Dean Pietro Belluschi of the School of Architecture and Planning was named last week to what Boston's Mayor John Collins called a "blue-ribbon" jury to select a development for a 35-story office building on Parcel Eight of the Government Center grounds.

Mayor Collins said: "It is important to all of us that the selection of a developer be removed entirely from any part of the political process, in view of the controversy that was raised last year."

Dean Belluschi was one of three jury members named by the Boston Society of Architects to supplement Mayor Collins' four choices. Other members are: Harold G. Kern, publisher of the Boston Record American-Sunday Advertiser; Bishop Anson Phelps Stokes of the Episcopal Diocese of Massachusetts; Charles A. Coolidge, senior partner of the law firm of Ropes and Gray; Robert W. Meserve, president of the Boston Bar Association; Benjamin Thompson, head of the Architecture Department at Harvard; and Phillip W. Bourne, president of the Boston Society of Architects.

## Libraries reveal schedule changes to start June 5

Summer hours for MIT libraries have been announced as follows:

During intersessions, June 5 to June 21 and August 29 to September 20, the General and Humanities and the Science Libraries will be on regular schedule. All other libraries will be open Monday to Friday from 9 am to 5 pm, closed Saturday and Sunday.

All libraries will be closed Saturday, July 4, and Monday September 7.

From June 22 to August 28, the General and Humanities and the Science Libraries will be on regular schedule. All other libraries will be closed Saturday and Sunday. Hours during the week are: Aeronautics and Astronautics, Music, and Rotch Libraries, 9 am to 5 pm; Dewey Library, 9 am to 5 pm, except 9 am to 8 pm Wednesday; Engineering Library, 9 am to 6 pm; Reserve Book Room, 12 pm to 5 pm.

## Professor Pool observes current Polish censorship

By Steve Portnoy

In a letter to the editor of the New York Times of April 28, Lihel de Sola Pool, Professor of Political Science, considered the current crisis in the cultural life of Poland.

Early last month, 34 Polish intellectuals sent an anti-censorship petition to Premier Cyrankiewicz. Within 48 hours one of the signers had been arrested and 12 others had been barred from further publication. Professor Pool, who had just returned from a trip to Warsaw and Budapest, strongly felt that this event "has not received adequate attention in the United States."

## Censorship growing

Professor Pool continued: "The recent growth of intellectual repression in Poland has been so gradual that it has caused little news in the world press. But the striking ferment that made Warsaw the cultural capital of the Communist world in the late 1950's is being slowly undercut and the intellectuals have been more and more isolated from any effective role."

Professor Pool stated that the petition was an effort to help stem this decay. The signers had expected that their petition would have been received by the government as a legitimate expression of views and that it would have remained an internal document.

## Budapest different

The contrast between Warsaw and Budapest emphasized the Polish censorship. According to Professor Pool, "In Warsaw conditions for creative work become less favorable every day, whereas in Budapest the trend is one of decreasing restraints."

Professor Pool stressed the extent of the deterioration of the situation in Poland. In the week following the filing of the petition, Polish cultural officials tried to pretend that the action only proved "that Poland was a country where people could address their government without fear of reprisals."

"Unfortunately," Professor Pool concluded, "the Polish government is not letting that be the case."

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## Tech weathermen will use 3 floors, roof of Green Earth Sciences Center

by James Vielleux

The Department of Meteorology is well on its way toward occupying the recently completed Green Center for the Earth Sciences. The weathermen will use the roof of Building 54 as an outdoor laboratory and employ floors fourteen through seventeen for research and instruction.

Since it is by far the highest point on the campus, the roof of the twenty-story structure provides an excellent spot for weather radar studies. The old storm-tracking facilities on the roof of Building 24 were unable to "see" through the Great Dome and the Building 16 elevator shaft. These obstacles block out several areas of view, including the Cape Cod area. Due to a carefully planned arrangement of equipment atop the new Center, however, the department's radar will be practically free of blind spots.

### Blind spots minimized

As a compromise of many factors, the exact layout of the roof facilities takes into account the directions from which the most

common and most interesting types of storms originate and minimizes the number of blind spots which interfere with their detection.

Two towers in opposite corners of the roof will house 3-centimeter and 10-centimeter wave-length radar scopes which will track these weather disturbances up to 150 miles away. A third tower between them will contain the standard weather instruments already on building 24 and solar radiation measuring devices. The 40-foot spire will also monitor atmospheric radiation levels for the MIT Reactor, and it already displays an experimental Edgerton strobe at night.

As can be seen from the ground, the three towers are staggered in height; thus the only blind spot for each radar beam is the relatively thin shaft of the tower nearest it. Resting on the floor of the roof will be a third radar device for experimental purposes, enclosed by a 25-foot hemisphere of transparent plastic. It will be used to study polarization of the waves by non-

spherical particles. Other facilities on the roof slab include a weather-balloon launching shed and telescopes for instruction in astronomy.

### Roof not public

According to Professor Delbar P. Kelly, Course XIX representative to the Earth Sciences Building Committee, the roof will not be open to the public. As an outdoor laboratory for the Department of Meteorology, its use will be restricted to authorized research personnel.

Inside the Green Building, the department occupies floors fourteen through seventeen. Dynamic meteorology and atmospheric circulation studies will be conducted on the fourteenth and fifteenth floors, and the sixteenth story will be devoted to weather forecasting. Headquarters for Course XIX will be located on the seventeenth floor, along with the department's physical meteorology and instrument laboratories.

## American policy toward Europe discussed at Annapolis conference

The fourth annual Naval Academy Foreign Affairs Conference was held recently in Annapolis, Maryland. It was attended by more than 150 students from 65 colleges and universities in the Eastern U.S.

MIT was represented by Norman Fainstein '66 and Jason Fane '64.

Among the topics discussed was the proposed European Multilateral Force. Under this NATO plan, ships carrying nuclear arms under the joint control of several nations would carry a multinational crew while on patrol. The conference delegates felt that this plan was aimed at fostering discord between France and Germany.

In an analysis of American policy toward Germany, the conference saw a contradiction in simultaneously advocating reunification of the divided nation and closer integration of the German Federal Republic and the West.

Recommending a non-ideological policy toward the nations of Eastern Europe, the delegates

suggested that the U.S. might undermine the Soviet position in that area by long-term loans to Hungary, Poland and Yugoslavia.

MIT receives invitations to many collegiate conferences, but supports delegations to relatively few. According to former UAP Jerry Luebbers '64, the reason for this is not lack of funds but the fact that many conferences do not seem to justify the expenditure.

## Commencement for Lowell to be May 21

Lowell Institute School graduation exercises will be held May 21 at 8:30 pm in Kresge Auditorium. The public is invited.

Dr. F. L. Foster, director of LIS, will preside, and the speaker will be Walter F. Skillin LIS '27, president and director of the Union Manufacturing Company in New Britain, Connecticut.

## Civil engineering prof proposes computer-aided teaching project

Prof. C. L. Miller of the Department of Civil Engineering has submitted a proposal to the NSF to study computer-aided teaching. The proposed two-year project would be initiated in September 1964 and would cost \$575,234.

The object of the study is to adapt recent advances in computer technology to classroom teaching in civil engineering subjects. Courses in soils, structures, water resources, and transportation will be adapted to computer-aided teaching. Results of the educational research will be conveyed to other schools through a series of summer workshops at MIT for approximately sixty faculty members.

The project would make extensive use of computers in classroom research. Proposed allotment of computer time includes 30 hours per month of IBM 7040 at \$100 per hour and rental of

two IBM 7094 remote consoles at \$650 per month.

The proposed staff of the project would consist of 15 MIT faculty members and instructors devoting three man-months each year to the project. It would include two visiting professors and ten graduate assistants for two years.

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### Summer institutes hope to raise level of Negro education

Five institutes for teachers of predominantly Negro colleges will be held this summer with support from Carnegie Corporation of New York and the Rockefeller Foundation, it was announced last week. Professor Jerrold R. Zacharias of the Department of Physics was among those who first suggested the institutes. The institutes are designed to acquaint faculty members with new developments and teaching methods in biology, English, history, mathematics and physics. Their purpose is to equip the participating teachers to meet the demands of the gradually improving quality of Negro high school graduates, in hopes of breaking the circle of lower educational opportunities for Negro students. Prof. Zacharias is a member of the committee formed last October for the organization of the institutes. Meetings were held April 18 and 19 at MIT. Several MIT administrators and faculty members participated.

### Venezuelans get new contract with MIT-Harvard Urban Studies Center

By Mark Rockman  
The Venezuelan development agency, Corporacion Venezolana de Guayana, has awarded a new contract to the MIT-Harvard Joint Center for Urban Studies. The contract, effective July, 1964, provides for a two-year extension of the Joint Center's assistance in what is believed to be the largest new town development in the world. The announcement was made by Professor James C. Wilson of Harvard, Joint Center Director, and Professor Lloyd Rodwin of MIT, Chairman of the Joint Center Faculty Committee. The center has been active in this development since mid-1961. Its resident staff numbers about 15 professional persons; both faculty and students from MIT, Harvard, and other universities work as researchers and consultants. The town under development, Santo Tome de Guayana, is located on the Orinoco River amid rich deposits of iron ore, cheap power, and other valuable re-

sources. Its population of 60,000, is expected to increase to one-half million in the next decade or two. The center's staff is active in fields such as urban design, transportation, education, economic planning, industrial and commercial development, housing, law, social programs, and local government. The new contract enables the center to publish books and monographs on experiences in the Venezuelan region and to enlarge its program of student trainees. General support for the Joint Center for Urban Studies is provided by the Ford Foundation. The Venezuelan program is the center's largest single advisory project.

### Wirtz optimistic on grads' job prospects

U. S. Secretary of Labor W. Willard Wirtz, in an open letter to the college graduates of 1964, expressed optimism for the job outlook for these graduates. "It is characteristic of the modern economy that these large numbers of educated men and women are being sought after and welcomed into employment," he said. Wirtz stated that college graduates have the lowest unemployment rates and the highest lifetime earnings in the national work force. Furthermore, a degree is becoming more and more essential to promotion opportunity and job security. The demand for scientific and technical manpower continues to grow, says Wirtz, with starting salaries ranging from \$500 to \$680 a month. Outlook for other graduates is "particularly good as well."

According to the U. S. Department of Labor: "Starting salaries offered to engineers with the bachelor's degree fall between \$520 and \$680 per month. Most graduates start at about \$600 a month, with higher salaries being offered to those ranking high in the class or possessing special qualifications."

### For movie filming Peabody visits Tech campus

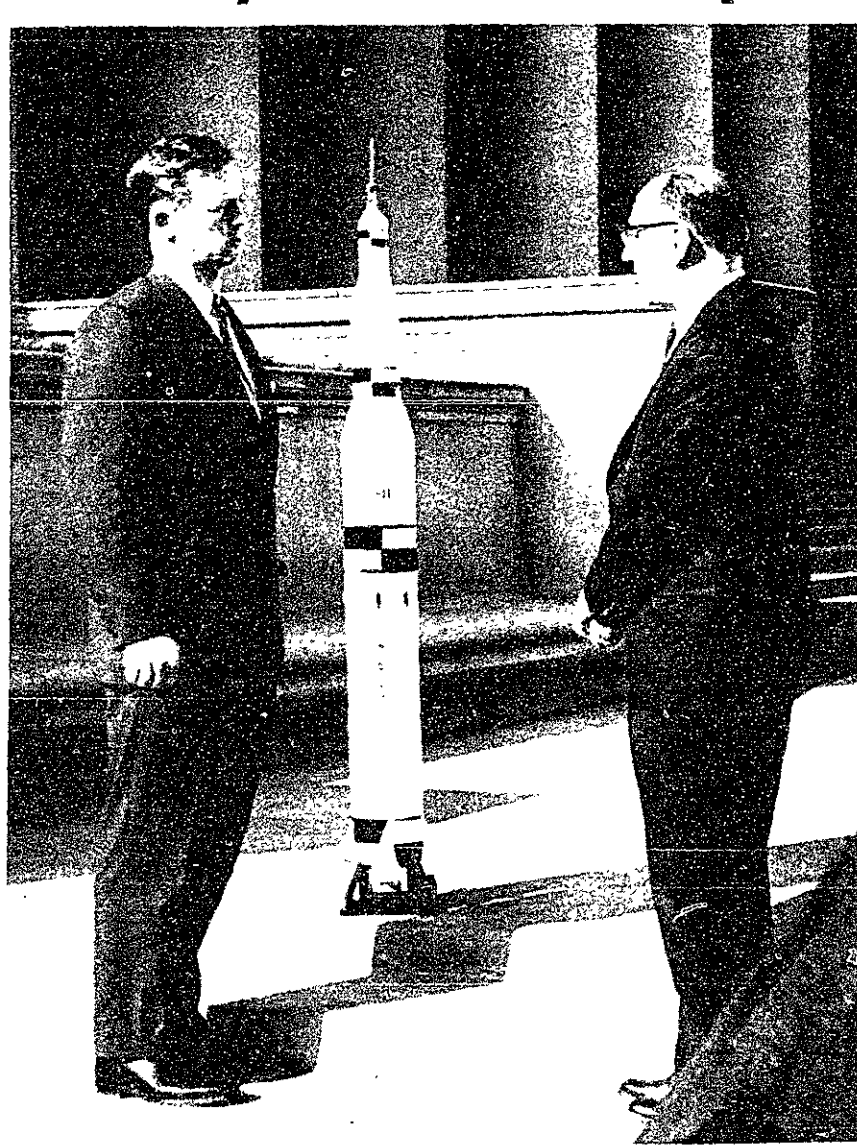


Photo by George Jelelis

Massachusetts governor Endicott Peabody (right) visited MIT last Tuesday for the filming of a movie, "A Day in the Life of a Governor." He posed on the steps of Walker Memorial for a discussion of the new NASA Center with NASA's regional director (left), whose office is at the Institute.

### Winners of Boit Prizes announced; Recognition given for creative work

The winners of the Boit Prizes for creative writing have been announced by the Humanities Department. James D. Francis Jr. '64 was awarded the Boit Prize for Imaginative Writing for a short story entitled "The Short, Violent Life of Samuel Wessen, Social Climber." Richard L. Bernstein was awarded the first Boit Prize for Essays for an essay on spiritual rebirth in the ariel poems of T. S. Elliot. The second prize was awarded to Peter Cook '64 for an essay entitled "Catch-22: An Analysis."

### MIT library system ranked 32nd out of 62 as national survey rates research libraries

MIT rated 32nd among the 62 academic members of the Association of Research Libraries in acquisition of volumes in research libraries for 1962-63, according to the Office of Institutional Research of the Association of State Universities and Land-grant Colleges. The ARS rated its academic members according to number of

volumes, total operating expenditures and number of volumes acquired in their research libraries in 1962-63. State universities and land-grant institutions were found to rate high in terms of keeping pace with student needs in the libraries. In the first category, number of volumes, MIT did not place among the 36 having over one million volumes. The list was led by Harvard and Yale. Harvard and the University of California at Berkeley led in operating expenditures with MIT again not placing with the top 36. Harvard and the University of California at Los Angeles led in acquisition.

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# Science pork barrel

The importance of high-quality educational institutions to regional economic development is becoming increasingly apparent, as evidenced by the pained bewailments of Congressmen and businessmen from the "have-not" areas of the nation. The pressure has been mounting, as a result, for Federal agencies to distribute contracts and awards to universities on the basis of regional need rather than capability. We look with concern upon this tendency to regard scientific research as just another hunk of bacon for Congressmen to battle over.

Ten top-flight universities, including MIT, now receive 40 per cent of the Federal research funds going to educational institutions. The funds go largely to two states—Massachusetts and California. This concentration of Federal support of science in the most effective and superior institutions has aroused suspicion in universities of lesser calibre that they are not receiving what they consider their proper share of Federal largesse. To help these universities get more research support, two officials of the American Association for the Advancement of Science recently proposed eliminating the merit criterion for Federal funds.

With a similar intent to make Federal research support more wide-spread, the President's Science Advisory Committee recommended in 1960 that new "centers of excellence" in science should be established. The committee proposed doubling the number of outstanding graduate universities—now totalling 15 to 20—by 1975.

The National Science Foundation has decided to implement the Science Ad-

visory Committee's recommendations—with their inherent danger of diluting the effectiveness and quality of the nation's research programs. The NSF plans to make large grants to some 20 lower-rank universities, which will then hopefully turn into distinguished scientific centers.

The NSF's request for \$33 million in the fiscal 1964 budget for these grants was hacked off by a sceptical Congress. However, NSF is asking for only \$25 million in the 1965 budget, and may get most of the funds from Congress—whose members are becoming more aware of the pork-barrel possibilities for their own districts.

There is a very real danger that such programs as the NSF's development scheme will result in an unseemly scramble and jockeying for position on the list of beneficiaries. Dr. Glenn T. Seaborg, the Chairman of the Atomic Energy Commission, warned of this danger in the science committee's 1960 report. "We must not let our national support of science and technology degenerate to the point where no state, no Congressional district, is complete without a post office, a reclamation project, and a science laboratory," he wrote.

An even greater threat from a deliberate effort to spread out Federal support of science is that it would lower the quality of research programs by spreading resources too thinly. After all, it has been the large, well-supported research groups—such as MIT's Lincoln and Instrumentation Laboratories and Caltech's Jet Propulsion Laboratory—which have been the most productive university research facilities, rather than smaller, lesser-known groups.

There are enough dangers of political jockeying and dilution of quality in the proposals to start new science centers with Federal funds that extreme caution is urged. We must not let "centers of excellence" become just a catchword for a damaging science pork barrel.

## Footnotes

By Bill Judnick

What will next year's catalogue look like? As you might guess, it's all in the air right now; but a substantial number of Footnotes this week are devoted to those major revisions I foresee:

### The Crystal Ball

54. The Department of Architecture will offer two new elective subjects acceptable to fulfill humanities requirements: painting, and sculpture of 19th and 20th centuries.

55. Course V will no longer require 30 units of thesis for graduation; 12 units will probably be minimal for the undergraduate.

56. Total units required for the S.B. degree in biology will be scaled down slightly to 360.

57. The departmental program for Course X majors will add 5.61 at the expense of deleting 5.416.

58. It is highly unlikely that 14.06 will continue to be a departmental requirement for those in the Economics Program of Course XIV.

59. The hours for 15.50 will read 3-0-6, instead of 3-2-4, next year.

60. Programs 1 and 2 of Course XVI will be discontinued in September and consolidated into one curriculum.

61. The following undergraduate electives will not be offered by the Department of Modern Languages next year: 23.20 and 23.21, German literature courses.

Less academically-oriented predictions follow:

62. The newly-formed Stu-

dent Summer Opportunities Committee of Inscomm will probably achieve the status of a permanent subcommittee by this time next year. (They presently have many exciting possibilities for important work and leadership potential—a winning combination.)

63. The fifth-floor library facilities of the Student Center will cost the Institute between \$600,000 and \$700,000.

64. The new boathouse, mentioned in Footnote 29, would cost the Institute at least \$400,000 by my figures.

### Canada: more

Another problem (beside secessions) plagues our neighbor to the north: segregation along religious lines, rather than racial. For example, the "public school system" of New Brunswick consists of nothing but 5 parochial school systems supported by public monies.

There, if you're Catholic and want to go to the nearby Presbyterian school, you cannot; and vice versa. For all other combinations out of 32 possibilities, the same relationship holds true.

These long-enforced segregations by religion in Canada have had their effects on government. In Halifax, Nova Scotia (for example) the law says that a Protestant must be the mayor after a Catholic, and vice versa.

On the national level, similar religious and sectional understandings influence the very selection of the Canadian cabinet.

other religious groups do not meet with similar restrictions. Their editions of the Bible, prayer books, and other religious articles are distributed in great quantities; their future religious leaders, unlike the Jewish leaders, may go abroad to study and they maintain ties with kindred associations.

Even Jewish life in a purely secular context has encountered increasing disapproval. Since 1950 only six Yiddish books—Yiddish being the basic channel for Jewish cultural expression in the USSR—have been published, with these mainly for foreign consumption. Almost all that remains of Jewish cultural activity is concentrated in 'Sovietish Heimland', a Yiddish bi-monthly with a circulation of only 25,000. This is the only Jewish magazine in any language for all of Soviet Jewry.

Jews in Russia are finding it (Please turn to Page 5)



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## Discrimination

The letter on the right entitled 'Discrimination hit' gives details on a very serious and growing problem—that of religious discrimination against all faiths, and particularly against Jews, in the Soviet Union.

The Soviet government, which is responsible for much of the deprivation of Russian Jews, has been somewhat sensitive in the past to foreign criticism of the USSR's policies of religious persecution. If interested MIT students would write the Soviet embassy in Washington or the United Nations legation in New York, protesting the religious discrimination in the Soviet Union, their opinions would add considerable weight to the worldwide censure of the USSR and help bring about a more humane religious policy in that nation.

three-day weekend. Unfortunately, the only three-day period is also Good Friday and Easter Sunday, so the event may be moved to the following weekend.

An attempt will be made to avoid this year's conflict with Assemblies Ball, though this may not be possible. I do not believe that either event suffered this year as a result of the overlap so that this is not a really crucial problem.

The committee to run this event will be picked the first thing in the Fall. Institute Committee will do the selecting.

Miscellaneous items: Keep your eyes open for an interesting political conflict that will occur on campus in the early fall.

The Inscomm Newsletter has been discontinued as a result of PRC's expanded program and the increased use of The Tech.

Thanks goes to Jeff Trimmer and the Secretariat for running the Kennedy Memorial Library fund drive.

No major conference will be held here next spring, though one will be considered for the fall of 1965.

## Inside Inscomm

### Committee will discuss shake-up in student government groups

By Bill Samuels, UAP

Shake-up planned: This term's last meeting of Institute Committee commissioned a summer group to devise a plan for the reorganization of student government. It was felt that a reevaluation was apropos in light of the building of the Student Center.

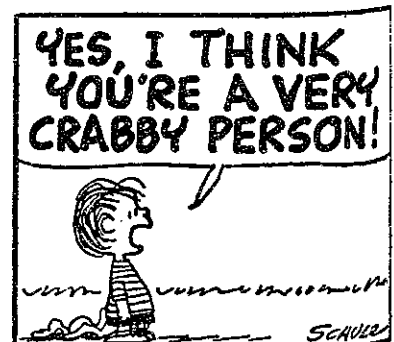
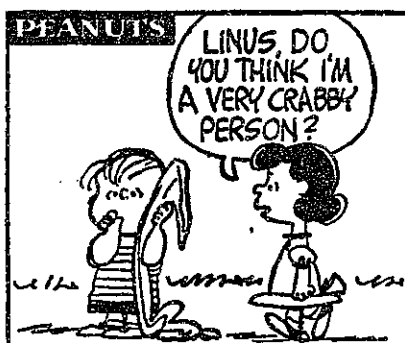
The change in the relationships between the activities caused by their new location together in the Student Center was by no means the only reason for the reorganization decision. Institute Committee itself has slowly been growing and people felt that representation should be looked at again. The subcommittees and their scope of responsibility was questioned. How about class officers? The judicial system was cited. Activities Council and its relationship to Institute Committee needs study. Of course, there is the old question of the Freshmen Coun-

cil. Not to mention how will the new Student Center be run.

The philosophy is clear. We want an overall study—a look at the foundation. It was felt that this was better than just discussing one small issue, like Freshman Council, at a time. A study of the framework should make discussion of the smaller points easier.

The summer group will consist of myself, Hank Perritt, Carol Gustafson, Ed Hoffer, and Matt Mleziva. The final result could be a major shake-up or just a few changes and the bringing up to date of constitutions.

Spring weekend: There will be another Spring Weekend next year for sure. This was decided after the successful completion of the recent event. It will be sometime in late April, probably the weekend of the 24th. This is not a



Peanuts appears daily and Sunday in the Boston Herald



## Letters to The Tech

(Continued from Page 4)

more difficult to enter most important professions and universities. While the overall number of students in Soviet universities increased by 248 per cent between 1935 and 1960, the number of Jewish students decreased by 39 per cent. The 8.2 per cent of university graduates who are Jews contrasts sharply with the present Jewish enrollment of 3.22 per cent. Jews are virtually excluded from Soviet diplomatic service and from major positions in the armed forces and in political life.

Russian Jewry is withering away within full view of the other nations. Only an organized campaign of protest can possibly foc-

us enough interest on the plight of the Jews and press Premier Khrushchev and his comrades to moderate the restrictions imposed on Jewish activity and to grant Jews the rights guaranteed to them, as well as to all minority groups, under the Russian Constitution. In early April, the Russian Communist Party, reacting to world-wide protests and pressures, repudiated the pamphlet 'Judaism without embellishment.'

Continued outcry may hopefully lead to a more favorable Soviet Jewish policy, and indicate to the three million Russian Jews that we are aware of their plight.

We must protest and protest now. Tomorrow may be too late.

A.V.I.

### Percentage raised

To the Editor:  
Re Judnick's Footnote 50: You just raised your percentage, Bill. The lightweights

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## Course II Project Arcturus students design consumer goods for alien planet

By Lydia Castle

After familiarizing himself with the essential history and characteristics of the newly discovered planet, Arcturus IV, each of the students in Professor John Arnold's ME Design course went to work.

The reason that the Massachusetts Intergalactic Traders, Inc. expressed such interest in the planet stemmed from the fact that Arcturus is a salesman's paradise. But, because of the non-Terranian living conditions, designing consumer goods for the placid Methanians presented a multitude of difficulties.

The first items to be designed were in the line of household equipment. An MIT chair provided arm supports and a contour shape suited to the improbable Methanian bone structure. One student designed a stereo slide viewer adapted to the three-eyed Methanian face.

### Timekeeping erratic

Until the arrival of the earthmen, Methanians had kept track of the gahlos, bahlos and nahlos in their long day (159 Terran hours) by means of public whistle signals, every bahlo on the bahlo. This system of sound signals gave

the Methanians only an approximate idea of the time.

Student Bob Hollenbach decided to introduce timekeeping into the Methanian home. He reasoned that since they had never seen a clock, the Methanians would find it simpler if they could read off gahlos, bahlos and nahlos on three separate dials rather than all in one.

So Hollenbach designed a gear train that would turn the three individual hands at precisely the right speeds for Methanian time units and a motor adapted to the three-cycle-per-second AC available on Arcturus.

One of the most complicated of the MIT appliances was a machine that does the work of a lawn mower. On Arcturus IV vegetation grows downward, taking carbon, silicon and some oxygen from the soil. The roots are in the air, taking oxygen from CO<sub>2</sub>, extracting nitrogen and hydrogen and giving off methane. For their lawns, the Methanians have developed a plan called "Herbivorous carnivorous arnoldious."

A report made to the MIT Inc. observed, "There is one serious drawback to the use of this species of lawn covering. It requires careful planting and maintenance to keep the ground sufficiently porous to grow the arnoldious and to realize the beauty of its full growth.

"Then the heartbreaking situation begins. The arnoldious, unlike our grass on Terran, does not grow continuously and, therefore does not require constant cutting. . . . However, the plant continuously sends up new shoots which grow up from the fibrous base and contribute to the density of the surface area.

### Mass dying of 'grass'

"After a period of a year, the

surface is so clogged fiber that it becomes coarse and undesirable, and soon a mass dying takes place. The roots in an area of three or four square feet die simultaneously because of strangulation, leaving bare, unsightly spots upon the lawn.

"The only solution is to pull out areas of the grass to allow for new growth. This must be done at randomly spaced intervals to insure a uniform root surface, and the amount pulled out must be very small.

"Because of the toughness of the roots in tension, pulling too large a clump will uproot—oops, upstem—a large portion of the plant and the result is an open space to be planted again. The vertical force to be applied to the surface fiber to upstem it cannot exceed six pounds."

### Lawn conditioner designed

With these stringent requirements, a student designed a fancy machine called the Cleen-Pull Lawn Conditioner. It was capable of pulling up 40 tufts of root, putting the tufts in a drawer, and smoothing and ruffling the surface to make it more attractive. It was powered by a hydraulic system activated by a hand-pumped cylinder. Whenever possible, light metals were specified to make it light enough for the feeble Methanian to lift.

An MIT kitchen mixer was made with the motor in the base since the average Methanian housewife isn't strong enough to lift a motor arm. This device combined a food mixer, a knife sharpener, a coffee grinder and a fruit juicer.

One item met with a negative verdict, however. A baby stroller for Methanians was designed for use as a portable incubator before the youngster hatched from his egg. Unfortunately, Methanian psychologists vetoed it as too radical a change from the normal method of carrying the eggs in pouches.

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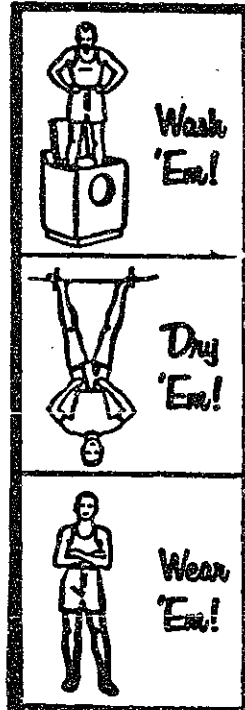
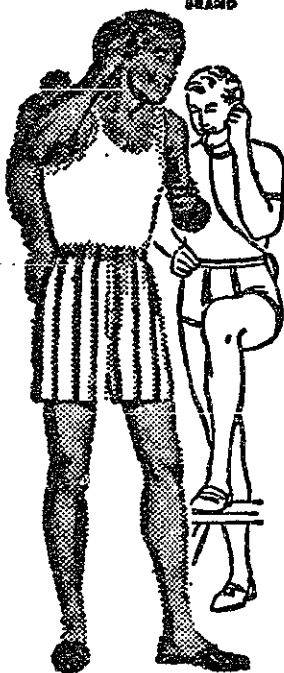
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## Making the Scene

### NEXT WEEK

#### MUSIC

A Tech Afternoon in the Great Court—Informal blanket concert by the Concert Band, playing Pops-style program of light classics and modern hits; May 17, 3:00 pm, tickets free in Building 10 or \$1.00 at the door.

Gardner Museum — May 16, 3:00 pm, the Moter Choir, works of Kay, Josquin, Pinkham; May 17, 3:00 pm, Gabrieli Trio with piano, playing trios by Gibbons and Schubert and Faure's piano quartet; both concerts free.

Choral Concert — New England Conservatory Chorus and Orchestra, Lorna Cooke deVaron, conductor; Brahms' 'Nanie', Vaughan Williams' 'Serenade to Music' and 'Five Tudor Portraits'; Jordan Hall, May 14, 8:30 pm, admission free.

Diploma Concert — Evelia Taboria, harpist, Ravel's 'Introduction and Allegro' for harp, flute, clarinet, and string quartet, also music of Faure, Mozart, Hindemith, and others; Jordan Hall, May 14, 8:30 p.m. admission free.

#### THEATRE

Oresteia — Aeschylus' complete trilogy, staged in the classical style, in the Richard Lattimore translation. Adams House Drama Society of Harvard performs the complete trilogy nightly, May 14-16, at 8:00 pm. Tickets \$2.00-\$3.00 at the Harvard Coop.

'Judith' — Jean Giraudoux's play, in

### S M T W T F S

13 14 15 16  
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the John Savacol English version; MIT Community Players, directed by Jol Oberly, May 14-16 and 21-23, 8:30 pm, Little theatre, Kresge Auditorium; tickets \$1.50 at the Box Office.

LSC Entertainment Series — 'The Manchurian Candidate,' May 16, 5:15, 7:30, and 9:45 pm, Room 10-250, admission 35c.

LSC Contemporary Series — 'David and Lisa,' May 15, 6:30 and 9:00 pm, Room 26-100, admission 60c.

LSC Classics Series — 'A Night with Chaplin,' showing 'The Cure,' 'The Rink,' 'Easy Street,' 'The Floorwalker,' 10-20. May 17 8-10 50c. 'Death of a Salesman' — Miller's first great play, presented by the Tufts Community Players and the University Theatre at the Tufts Arena Theatre, May 16 and 17 and May 22 and 23, 8:30 pm, tickets \$1.50, reservations at 623-9662.

Wellesley Tree Day Pageant — 'The Odyssey,' on the Severance Green, Wellesley College, May 16, 2:00 pm, guests 60c.

#### MISCELLANEOUS

Carl deSuze — WBZ radio commentator, presenting a film, tape, and lecture on 'Empires Revisited, the New Look of Europe,' tonight, Kresge Auditorium, 8:00 pm, admission free.

Professor J. S. Ackerman — Chairman of the Fine Arts Department, Harvard University, speaking on 'Recent Painting and Social Responsibility,' May 19, 11:00 am, Hayden Library Lounge (Room 14E-310), presented by the Technology Matrons; open to the public without charge.

Friedman Lecture — last of a series by Professor Philip Morrison of Cornell University; 'In the Subjunctive Mood: If Neutrons Were Lighter...' Little Theatre of Kresge Auditorium, May 19, 4:00 pm, open to the public without charge.

Museum of Fine Arts — Opening May 19, Evening School Exhibition; continuing recent acquisitions of contemporary sculpture, Nineteenth Century Americans, European masters, color engraving of rare birds by eighteenth century artists, Venetian prints; tea served Tuesdays through Fridays, 3:00 to 4:30 pm, at the crypt.

Boston Public Library — current exhibits include Chinese watercolors, music manuscripts, and the Shakespeare Quadricentenary Exhibit.

### THIS WEEK

#### MUSIC

Diploma Recital — Marietta Henry, Dutch violinist, playing music of Mozart, Bach, Debussy, and Bruch; Jordan Hall, May 22, 8:30 pm, admission free.

Concert of Unusual Vocal Music — New England Conservatory, Jordan Hall, May 20, 8:30 pm; works by Cortese, Barber, Lortzing, Richard Strauss, Wagner, and Krenek, admission free.

#### THEATRE

LSC Entertainment Series — 'The Spiral Road,' starring Rock Hudson and Burl Ives, Room 26-100, 8:00 and 9:00 pm, admission 35c.

LSC Contemporary Series — 'Divorce-Italian Style,' starring Marcello Mastroianni in a farce on marriage and murder; Room 26-100, May 22, 6:30 and 9:00 pm, admission 60c.

'Death of a Salesman' — Tufts Arena Theatre, University student players, May 22 and 23, 8:30 pm, tickets \$1.50, reservations at 623-9662.

#### MISCELLANEOUS

Museum of Fine Arts — opening, special exhibition of Photography in the Fine Arts, May 21 through June 21 in Galleries BB.

## Poet Wendell Berry to speak in Hayden

Wendell Berry will give a reading of his poetry tomorrow in the Hayden Library Lounge, Room 14-E310, at 8:15 pm. The reading is open to the public without charge.

Author of 'November Twenty-Six Nineteen Hundred Sixty Three,' a long John F. Kennedy commemorative poem, Mr. Berry contributes regularly to 'Poetry' magazine, has published a novel, and this fall will release a collection of his poems.

The customs and idioms of his native Kentucky color Mr. Berry's work; educated at the University of Kentucky, he will return there this fall to teach.

## Film group seeks hearse for summer production; 'The Playground' will use Boston setting, cast

Producers of a film to be shot this summer in Boston are seeking an ambulance for use in the production. The hearse need only be in running condition, says the company.

The film, 'The Playground,' will use primarily Boston residents as extras in small parts, and will be filmed using Boston as a background.

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## Critic's Choice

### Hitchcock's film talent still stirs controversy

By Gilberto Perez-Guillermo

Alfred Hitchcock has become a controversial figure in contemporary cinema. His early British thrillers everybody more or less likes; it is about his American career that we find widely different opinions. As early as 1942, James Agee saw it necessary to defend 'Shadow of a Doubt' in 'The Nation' against those who talked about a decline in Hitchcock's career. His technical mastery is seldom questioned, but while some critics view it as the expression of one of the cinema's supreme talents, others regard it as the trickery of a skillful prestidigitator.

The popular image of Hitchcock is, of course, that of the practical joker, the "master of suspense" whose clever tricks are not usually associated with art. The French critics of the magazine 'Cahiers du Cinema,' on the other hand, think of Hitchcock as a serious artist, one of the best working on films.

I think the controversy arises because Hitchcock has two sides to his nature, because he has turned out some more or less clever jokes ('To Catch a Thief,' 'North by Northwest,' 'Psycho') along with some undeniably serious work ('I Confess,' 'The Wrong Man,' 'Vertigo'). Critics usually

tend to emphasize one of these two moods at the expense of the other, especially since elements of both are found in most of his films. Thus, some critics may regard 'North by Northwest' as a study of complacency in modern society, and others (even some that ought to know better) are content with dismissing 'Vertigo' as an unconvincing thriller. Well, 'Vertigo' (at the BU Student Union, Friday at 8) is not a thriller, and in the context of its dream world credibility is largely irrelevant.

'Vertigo' is a fascinating study of the relationship between dream and reality in romantic love, of the inability of the dreamer-lover to face a real woman, of the tragic consequences of trying to impose an illusion upon reality. There is something of a thriller plot in the film (dictated, no doubt, by popular demand), but Hitchcock uses it merely to serve the film's central purpose, and resolves it long before the end.

There is no intention to create the surface realism usually required for a thriller, but rather to construct a dream world ideally suited for the study of romantic delusion. This Hitchcock does with dazzling skill. With his complete mastery of the subjective camera, he leads the audience into sharing James Stewart's dream, as he follows the mysterious woman (Kim Novak) through the streets of San Francisco, to an art gallery, to a cemetery, to a restaurant decorated in bright red.

Inevitably, he falls in love with this image, and the audience shares his fascination with her, wholly sympathizes with his attempts to save her from her mysterious world. As he rescues her from San Francisco bay, as he takes her to the country, by the sea, to an old Spanish mission which she seems to recall, the film's beautiful dream world has been completely imposed upon the audience.

Then, Hitchcock allows the audience to know the truth, to realize that all has been a false dream, a delusion. But James Stewart remains captured by this world, and as he comes back to the same places, to the restaurant, to the art gallery, in search for the lost woman, the audience sympathizes with his fate, and yet there is a suggestion of his basic weakness, of his inability to face the real world.

When he tries to recapture the lost woman, when he tries to impose his dream image of her upon reality when we see the woman's attempts to be loved as she is, and her realization of his inability to do so, when he desperately tries to return to the past, and when her final consent leads to disaster, this theme is explored to the fullest.

At the end, James Stewart realizes that the past he wanted to return to was a delusion, that things were never as he imagined, and the film closes with the final failure of romantic love. 'Vertigo' is a masterpiece.

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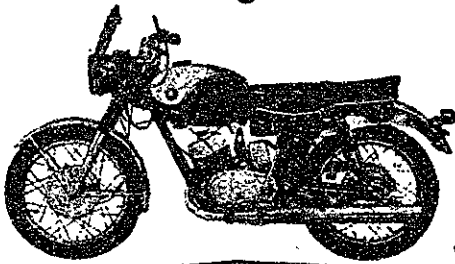
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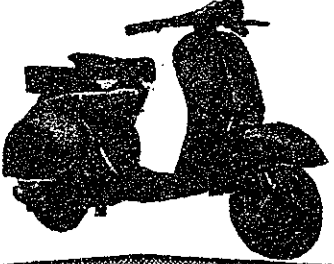
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## Dull conclusion to Spring Festival

By John Montanus

The Spring Festival of Music concluded last weekend with performances by the Brass Choir, Concert Band, Symphony Orchestra, and Glee Club. The remarkable feature of the weekend was that the program did not contain a single work in the 'popular' repertory; in contrast to last week's Verdi 'Requiem,' an accepted masterpiece, the current series featured music either obscure or unpleasant or both.

Saturday's concert featured music inspired by Shakespeare, coupled with the world premiere of Jeronimas Kacinskis' 'Transcendental Expressions,' written

for the Concert Band early this year. The combination was something of a shock. It is my opinion that contrast in music should come within a piece, at the artist's intention, not through a juxtaposition of several different but uninteresting works.

The Brass Choir's selection, 'English Ayres and Dances' by Anthony Holborne, is forgiven its obscurity, because music for such an ensemble has only recently become popular. Under Mr. Willis Traphagan the group's tone has improved considerably, but they still lack the precision needed to succeed with such music.

The Symphony Orchestra performed capably Dvorak's 'Othello Overture,' with some weakness in attack in the slower parts. This is a work which should be played more often. The same cannot be said of 'An Elizabethan Suite,' for four horns and strings; even the best orchestras are seldom capable of supplying four good horn players, and the Symphony is more to be commended for its effort and promise than for accurate performance. Mr. Corley, with the assistance of Concertmistress Janet Stober, did get some fine work from the strings.

The 'Transcendental Expressions' is difficult to judge. The music obviously cannot be judged on only one hearing; it is too complex. I personally doubt, however, that I would ever get to really like it. It is also fairly safe to say that it is beyond the ready grasp of most MIT students—the performers included. I am quite sure that not all the discords were written, though. Judging by the sour notes hit, I would say that the piece must be quite difficult.

The Sunday concert assembled quite a nice array of talent—the MIT Glee Club, the Wellesley College Choir, the Cambridge Festival Orchestra, and the fine Festival Soloists; with Professor Klaus Liepmann directing. But, 'the mountains have labored... The work performed was Purcell's 'The Fairy Queen,' which is at best mediocre and at worst

a deadly bore. The music is light, witty, and dated. The words suffer similarly. It is to the credit of the players that they devoted themselves to a fine performance.

The opera has its moments. There is a very funny duet for alto and bass, depicting a shy girl and her insistent lover, which was deservedly applauded. Paul Matthen and Eunice Alberts treated it as it was written, with broad humor. The aria is even funnier, and points out more the artistic level of the piece, when it is sung, as written, by bass and counter-tenor.

The chorus sounded better than usual, with a nice rich tone in several passages, but a bit hesitant to sing forte. The Wellesley girls were as fine partners as the MIT group have had lately; hopefully, they will join again in a work worthy of their talents.

## Concert Band to present Institute version of Pops in Great Court this Sunday

The MIT Concert Band will present their version of the Esplanade Pops Concerts this Sunday, May 17, at 3:00 pm. 'A Tech Afternoon in the Great Court' will be an informal bring-your-own-blanket occasion, with some chairs available.

The program will be varied, in the Pops spirit. Works of Schumann, Sousa, Gould, Copeland, and Prokofiev are among those to be presented by Conductors Felix Viscuglia and Willis Traphagan.

The tickets for the afternoon are free in the lobby of Building 10, but will be \$1.00 in the Great Court, which will be roped off. In case of rain, the concert will be in Kresge.

## movie schedule

Wednesday, May 6, through Tuesday, May 12. (Unless otherwise stated the Sunday schedule is the same as the weekly schedule except that no movies are shown before 1:00 p.m.)

**ASTOR** — 'Dr. Strangelove,' Mon-Sat. 9:55, 11:55, 1:55, 3:55, 5:55, 7:55, 9:55; Sun., 1:25, 3:25, 5:25, 7:25, 9:25; shorts start 25 minutes before the feature.

**BEACON HILL** — 'Tom Jones,' 10:15, 12:30, 2:45, 5:00, 7:15, 9:30; Sun., 1:00, 3:10, 5:20, 7:30, 9:40.

**BOSTON CINERAMA** — 'It's a Mad, Mad, Mad, Mad World,' evenings.

**BRATTLE** — 'Horror Cycle. Today, "I Walked With a Zombie;" Thursday, "King Kong;" Friday, "Isle of the Dead;" Saturday, "Brides of Dracula;" starring Sunday, "The Curse of the Demon." Shows daily 5:30, 7:30, 9:30, matinees Sat. and Sun. at 3:30.

**CAPRI** — 'Paris When It Sizzles,' 10:30, 2:15, 6:05, 9:55; 'The Servant,' 12:20, 4:10, 8:00.

**CINEMA KENMORE SQUARE** — 'A Stranger Knocks,' 2:44, 4:09, 5:34, 7:00, 8:24, 9:50.

**EXETER** — 'Murder, She Said,' 2:05, 5:05, 8:05; 'The Happiest Days of Your Life,' 3:40, 6:40, 9:40.

**ESQUIRE** — 'The Victors,' no times available.

**GARY** — 'The Pink Panther,' 10:00, 12:30, 2:00, 4:00, 6:00, 8:00, 10:00; Sun. 1:00, 3:00, 5:00, 7:00, 9:00.

**HARVARD SQUARE** — 'Captain Newman,' 1:35, 5:25, 9:30; 'Sapphire,' 3:45 and 7:45.

**KEITH MEMORIAL** — 'Spartacus,' 9:50, 1:25, 4:55, 8:25.

**LOEW'S ORPHEUM** — 'The Naked Kiss,' 10:00, 12:00, 2:00, 4:00, 6:00, 8:00, 10:00; Sun. 1:00, 3:00, 5:00, 7:00, 9:00.

**MAYFLOWER** — 'Flight from Ashiya,' no times available.

**MUSIO HALL** — 'A Tiger Walks' weekdays and Sat. 9:30, 11:30 a.m. 1:30, 3:35, 5:40, 7:40, 9:40 p.m. Sun. 1:30, 3:35, 5:40, 7:40, 9:40 p.m.

**PARAMOUNT** — 'Days of Wine and Roses,' 9:30, 1:30, 5:30, 9:30, Sun. 1:15, 5:20, 9:30; 'Spencer's Mountain,' 11:25, 3:25, 7:30, Sun. 3:15, 7:30.

**PARK SQUARE CINEMA** — 'A Stranger Knocks,' 2:44, 4:09, 5:34, 7:00, 8:24, 9:50.

**SAXON** — 'Becket,' eves. at 8:30 pm, mats. at 1:30 weekdays, 1:30 and 5:30 Sat., Sun., and holidays.

**UPTOWN** — 'Charade,' weekdays 11:00, 2:25, 5:55, 9:30, Sun. 2:35, 5:55, 9:30; 'Beat the Devil,' weekdays 12:50, 4:20, 7:50, Sun. 1:00, 3:55, 7:50.

**WEST END CINEMA** — 'Julius Caesar,' today through Sat., 11:45, 2:10, 4:30, 6:50, 9:15; Sun.-Tues., 'Henry V,' Sun. at 1:20, 3:50, 6:20, 8:45, weekdays 11:20, 1:45, 4:15, 6:45, 9:15.

**CHARLES PLAYHOUSE** — 'The Glass Menagerie,' by Tennessee Williams; performances Wed. at 8:00, Thurs. and Fri. at 8:30, Sat. at 5:30 and 9:00, Sun. at 3:00 and 7:30.

**COLONIAL** — 'Fade Out, Fade In,' starring Carol Burnett, eves. at 8:30 (except Sun.) mats. Thurs. at 2:15, Sat. at 2:30.

**ROTEL BOSTONIAN PLAYHOUSE** — two Pinter plays, 'The Room' and 'The Dumbwaiter,' evenings, Thurs., Fri., Sun. at 8:30, Wed. 6:00, Sat. 6:00 and 9:30; mat. Thurs., 3:00 p.m.

**IMAGE** — Two one-acts by W. F. McCourt, 'We Might As Well Be Here As Where We Are,' and 'Six Million and One and Two and...' playing Wed.-Fri. and Sun. at 8:30, Sat. at 7 and 9:30.

**SCHUBERT** — 'Pajama Tops,' starring June Wilkinson; eves. Mon.-Thurs. 8:30, Fri. and Sat. 7:15 and 9:45.

## Two MIT students will visit Columbia

Two MIT students, Peter C. Heineman '65, and Tehmau Kan '66, are among 51 college students awarded grants to participate in Columbia University's third annual Summer Institute in Space Physics, July 6 through August 14.

They will receive grants covering summer tuition at Columbia, round-trip travel from their residences to New York City, a field trip to U. S. Space centers, and \$60 per week.

The purpose of the program is to attract outstanding students in fields related to U.S. space research by concentrating on training and research in physics, astronomy and the earth sciences.

## WTBS Schedule

The following are highlights from the WTBS schedule. In addition, Rise and Shine at 7:30 am, Masterworks at 9:00 pm, and Jazz at Midnight at 11:50 pm are regularly broadcast. WTBS broadcasts at 88.1 Mc. F.M. and 640 Kc. A.M.

**SUNDAY**  
2:00 Sign On; Music of the 20th Century  
4:00 World of Song  
5:00 This is the Blues  
7:00 Music at MIT  
8:00 The Spoken Word  
9:00 News; Classroom Concert  
11:50 News; Jazz at Midnight

**MONDAY**  
6:00 Perloo, Stomp & Glee  
7:00 News; The John C. Heine Show

**TUESDAY**  
6:00 Cavalcade  
7:00 News; Folkside  
8:00 Sangam Presents

**WEDNESDAY**  
6:00 Cavalcade  
7:00 Armenian Club Show  
7:30 Arab Club Show  
8:00 WTBS Forum

**THURSDAY**  
6:00 'Ramblin' Round  
8:45 Limelight Review

**FRIDAY**  
5:00 Jazz Special  
7:00 News; Coffee House Theater including live folk music from 'Someplace Else'  
10:00 News; Night Owl, Music by Telephone Request

**SATURDAY**  
5:00 Sign On; Rock & Roll Memory Time  
5:00 News; Caravan  
7:00 WTBS Presents  
9:00 News; Night Owl, Music by Telephone Request

**HARVARD SQUARE** UN 4-4328 USUS  
"Captain Newman," 1:35, 5:25, 9:30;  
"Sapphire," 3:45 and 7:45.

**BRATTLE SQUARE** TR 6-4228 USUS  
Horror Cycle. Today,  
"I Walked with a Zombie;"  
Thursday, "King Kong;"  
Friday, "Isle of the Dead;"  
Saturday,  
"Brides of Dracula;"  
starting Sunday,  
"The Curse of the Demon."  
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## LECTURE SERIES COMMITTEE CALENDAR

## Lecture Series

**Carl de Suze**

"Empire Revisited — The New Look of Europe"

Free

Wednesday, May 13

8:00

Kresge

Tonight

## Contemporary Series

**'David & Lisa'**

Friday, May 15

6:30 and 9:00

60c

Kresge

## Entertainment Series

**'Guns of Navarone'**

Saturday, May 16

6:00 and 9:00

35c

Kresge

## Classic Series

**A Night with Chaplin**

with live piano accompaniment

"The Cure"

"Easy Street"

"The Rink"

"The Floorwalker"

Sunday, May 17

8:00

10-250

Admission without card 50c



## CCCP and CEP

# Faculty committee prepare proposals

(Continued from Page 1)

They also were in favor of keeping the present "freshman-sophomore elective," with the provision that those students not in ROTC "be required to take six units of electives in engineering."

The CCCP felt that the effect of the recommendations above would be "to introduce earlier branching within the core framework... similar to that recently voted for core subjects in humanities and social science" while keeping the overall core of science subjects at about its present size.

The committee went on to speculate that in the future "a common core in science might be unnecessary." This might occur when the quality of high school education had been sufficiently upgraded.

### Professional degree?

Noting that "at present for a student to profit from the association with a department, MIT requires that he study for a professional degree," the CCCP expressed its opinion that such rigidity was "undesirable."

They urged that students be offered less intensive majors in the various departments, leading to degrees without specification. The development and publicity of such programs, if "deemed appropriate," would be the concern of the actual departments concerned.

Another provision for the implementation of their third proposal was that "the Bachelor's Thesis be made a departmental rather than an Institute requirement."

The CCCP also went on record favoring a "guarantee" to each student of a certain amount of free elective time.

### Future CCCP work

The following proposals were listed at the end of the dialogue, for examination by the faculty, but not recommended at the present time:—

1) A quarter system, with three quarters constituting the normal academic year and three subjects

per quarter as the "normal student load;"

2) The adoption of the unit of "term subject" for the weighting of courses toward degree credit, with all courses rated as either unit or half-unit subjects;

3) Restriction of overloading for degree credit to a maximum of one additional subject per term; and

4) "Independent study exams" to replace the present advance standing examinations, except in the case of entering students and transfer students.

### CEP reaction

The faculty Committee on Educational Policy, of which the CCCP is a sub-committee, was at last report preparing its views to accompany the above proposals to the faculty meeting this coming Wednesday.

In the fifth draft of the CEP's "Policy Report to the Faculty on the Deliberations and Recommendations of the CCCP" the following major influences were listed

## MITSG pick Scranton to run with Goldwater

The MIT Students for Goldwater polled members present at their last meeting of the term Saturday to determine their preference for a running-mate for Senator Barry Goldwater. Governor William Scranton of Pennsylvania was the almost unanimous choice, according to David Nolan '65.

The MITSG also announced plans for next year, including participation in the Activities Midway, membership drives and joint efforts with the Young Republicans and Young Americans for Freedom.

as having changed MIT's environment, resulting in a "need for re-appraisal of MIT's traditional methods of educating undergraduates:"

Improvement in high school teaching of science and mathematics; highly selective processes of admission into "the foremost universities both the complexity and emphasis of applied science in engineering; rapid technological growth and concomitant stress on advanced degrees; "the ever-growing need for creative people;" problems of the underprivileged nations; and "increasing dependence of government on technical advisors.

To meet the challenge outlined above, the CEP formulated four educational objectives:

1) MIT is to remain a "university polarized around science;" 2) "We should recognize that we already have abandoned the objective of completing a professional education in four years;" 3) larger numbers of our graduates should rise to positions of scientific and industrial leadership; and 4) "We should... (encourage) our highly intelligent students to exercise creative talents."

## Astronomy seminar to be held May 19

A seminar on "Recent Radio Astronomical Work at the CSIRO in Australia" will be held at 4 p.m. Tuesday, May 19, in Room 2-190.

The speaker will be Dr. E. G. Bowen, chief of the division of radiophysics of the Commonwealth Scientific and Industrial Research Organization, Australia.

## Technique arrives 5 days early; To be available for 2 more weeks

Technique, 1964, the MIT yearbook, arrived Monday morning and will be available until Wednesday, May 27, in the lobby of Building 10. The book was not due to arrive until Friday.

This year's addition of Technique consists of 348 pages produced by a staff of about 50 students under the direction of Robert Popadic '64, editor-in-chief.

Over 1400 copies of Technique, 1964, have already been sold or otherwise committed. Those students holding options for the

yearbook will be able to redeem them for a copy of the book upon payment of \$5 at the booth in Building 10. Technique has already made arrangements for delivery to those students who are on cooperative work assignments this term.

Popadic said Monday that there were about 50 uncommitted copies of the yearbook still available at the booth in Building 10 for the publication price of \$10. These copies will be sold on a first-come-first-served basis.

## Wood will discuss future of local government

Dr. Robert C. Wood, Professor of Political Science and author of "Suburbia," is expected to discuss his thesis on the future direction of state and local governments at Boston State College this evening at 7 p.m.

The talk is part of a workshop in "Massachusetts Politics" sponsored by the Program of Continuing Studies at Boston State College.

Dr. Wood's thesis is that local and state governments will be forced to reorganize their political systems and relations in order to solve the complex problems facing them. "The single-minded, stubborn, independent local government jealous of its powers must give way to a larger political entity capable of dealing with the problems that cross local boundaries."

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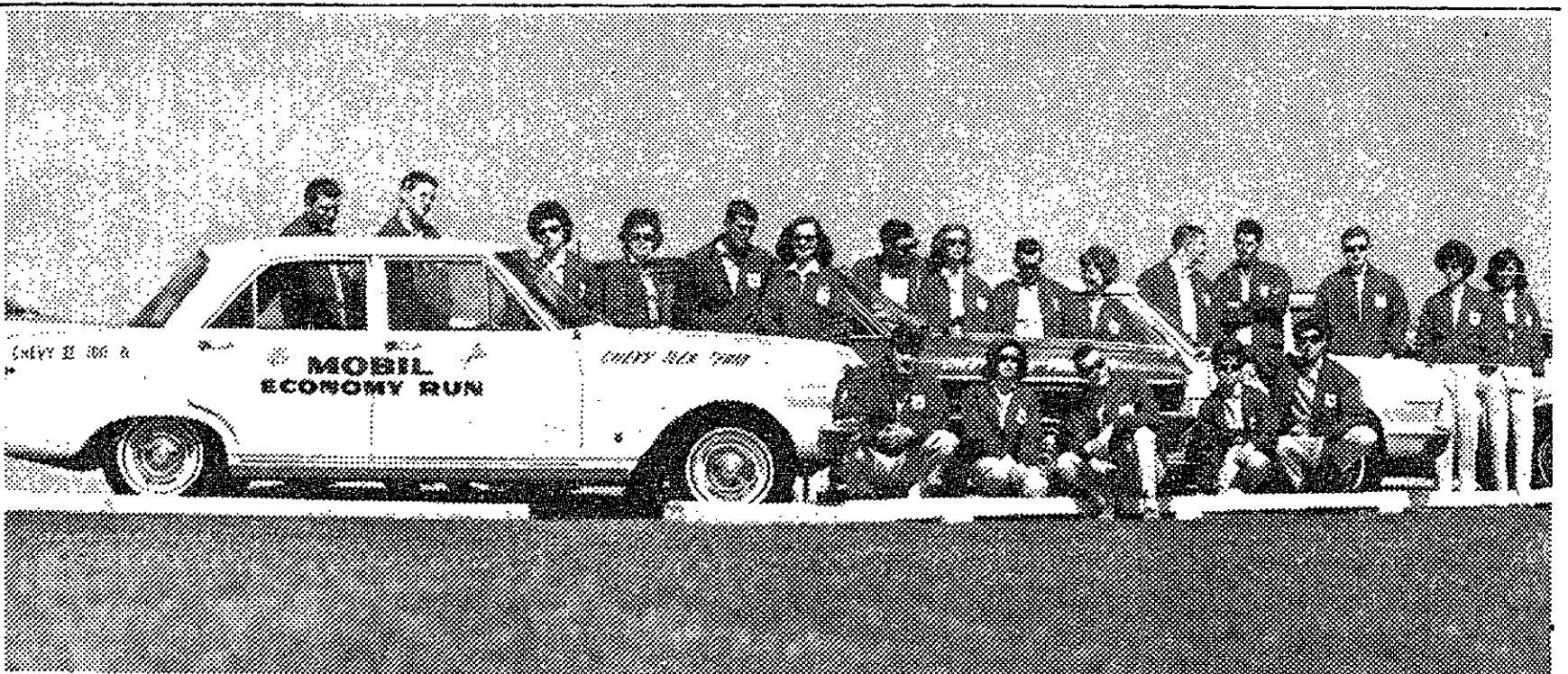
## Prof. Larkin receives Howard Fellowship

Professor Emmet Larkin was named as one of four Howard Foundation Fellows for the coming academic year, Brown University President Barnaby C. Keeney announced recently.

Professor Larkin, of the Humanities Department, will use his grant to continue his work on a projected four-part work, "History of the Roman Catholic Church in Ireland in the 19th Century."

He is planning to study and write in Cambridge, Massachusetts, from October until next May, after which he will continue his research in Rome, London and Dublin.

Professor Larkin is a graduate of New York University, and holds a doctorate from Columbia University.



## We'd like to say some nice things about America's young adult drivers

And we think we've got good reason! Last January, we selected twenty 18- and 19-year-old young men and women through the Junior Achievement program to drive our team of Chevrolets in the Mobil Economy Run, April 3-9. It was the first time any company had relied entirely on drivers with limited experience in this exacting competition.

We brought these young adults—most of them college students, some from the business world—to Arcadia, California, in late February. For six weeks, our expert teachers trained them in the skills of economy driving.

Then, on April 3, they set off on the Run, 3,243 miles from Los Angeles to New York.

We were going against the grain. It takes high proficiency to win the Mobil Economy Run. Competition is tough. Why did we rely

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Team in the Mobil Economy Run did remarkably well compared with the class winners in overall miles-per-gallon figures. The final results are a tribute to the high degree of driving skill displayed by the Chevy Teen Team representing the youth of America.

No wonder we're proud of America's young adult drivers. We couldn't have a better reason.



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# Stark second edition out

By Mona Dickson

A few months ago a modest little mimeographed book went on sale at the Paperback Booksmith's at Harvard Square. In two months almost three hundred copies were sold, and the second edition is now out.

"Almost Grown" is a collection of short stories written by Peter Guralnick, a twenty-year-old native of Brookline, who has "been writing all his life" and is now on his second novel.

## Stark Press publication

The book is the first to be published by the Larry Stark Press, a basement mimeograph machine that has so far turned out only best sellers. (Larry, better known to readers of the entertainment page as Charles Foster Ford, insists that any book that sells three hundred copies in Boston is a best seller.)

People who read this book seem to react strongly to the various stories. Not only do they react, but they tend to react in different ways to the same story. Guralnick can state a situation with such brutal frankness that the result brings either agreement or repulsion, depending on personal beliefs.

His style can also be brutal. The stories, sometimes are dangerously close to the locker room variety, not descriptive enough to be obscene, yet too honest to be literary.

"Almost Grown," which lends its name to the whole collection, tells of a product of the rock 'n roll era, who refuses to grow up, or even to realize that the world is changing for the good. He returns to his old home to meet

his high school friends and finds himself the only one who has not matured.

## English paper style

Every page of this story screams "The beat generation is dead; give it up!" This is an astute observation; but it is screamed far too often. There is something disturbing about a statement of the topic, the analysis of such, and a restatement (Shades of high school senior English papers.) A little development might also give the pathetic hero more character and life.

"Crime," about two weak men trying their best to be big criminals, suffers from the same restatement. In both cases Guralnick's style is too direct to give anything but a conclusive analysis of the theme.

So much for the personally repulsing stories. The other stories are great. "Black and White" is perfectly ingenious. A group of college Civil Rightists picket a dime store on discrimination charges. Their efforts are thwarted by a Negro who pickets the picket line with such signs as "Black and White Are Not Alike: They are Polar Opposites." He eats at the dime store, and sleeps at the barber shop next door until the college students give up.

Guralnick seems to be able to draw women more convincingly than men, even when the final product is as ridiculous as the narrator of "Here Comes the Bride." No woman is that naive.

## "Big Mistake" story

"Intimations of Immortality," the story of two kinds who make the usual Big Mistake, is the best constructed story in the book. Although it begins with confusing suddenness, there is a definite development of feelings. The language and speeches are far more natural than those in some of the other tales. It is so natural that the grapevine has it that someone is threatening to sue because he insists the girl in the story is his sister.

This book is well worth reading. Its straight-forwardness leaves a lot to be thought about. Guralnick obviously has a few interesting ideas in his head. Hopefully he will have the chance to broadcast them further.

# Wisconsin beats heavies by a length

By C. R. Miller

The MIT varsity heavyweight crew went down to its third straight defeat in as many weeks as the Wisconsin Badgers edged the Engineers out by a length on the windswept 2000 meter course on Madison's Lake Mendota. The race was finally started at 8:00 pm, after a seven hour postponement due to high winds.

Wisconsin pulled ahead at the start with MIT about 4 seats behind, and Dartmouth about 6 seats in back of the frontrunners. The Engineer boat never really settled down, but rowed down the course at a high 34 strokes per

minute. The Badgers settled to a driving 31 and pulled out to a one length lead with 500 meters to go.

At this point, the Tech boat raised the stroke to 38 and began to close in on Wisconsin. The Badgers, who took their sprint with 40 strokes to go, soon halted the Tech assault and finished 3.1 seconds ahead of MIT in a time of 6:08.9. The Dartmouth crew, despite the fact they were using a new type of oar, finished third. Their time was 6:15.8.

## JU's win by 4 lengths

In contests Saturday on the Charles, MIT scored victories in

all the events. In the JV race, MIT was never threatened and breezed to a four-length win over Dartmouth. Aided by the tailwind, MIT crossed the line with a clocking of 6:12.5, after seeing Dartmouth fall behind in the start and continue to lose ground steadily throughout the race. Dartmouth's time was 6:27.5.

## 3rd boat finishes unbeaten

The third varsity re-race against the Harvard crew, which lost last week to MIT, was the closest event of the day. MIT lost about one-third of a length in the start, but drove even with Harvard at the bridge, pulling ahead slightly around Baker House. Here, the boat caught several crabs in a boat wake, and nearly came to a dead stop, losing Imsto a length to Harvard.

The stroke went up, and MIT caught the Harvard boat with only about ten strokes remaining in the race. MIT won by only two seats, with a time of 6:10.6, as they finished at 42 strokes per minute, to end the season undefeated.

## How They Did

### Baseball

Brandeis 6 — MIT (V) 4  
Coast Guard 10 — MIT (V) 0  
MIT (V) 4 — Coast Guard 3  
(13 innings)  
Northeastern 4 — MIT (F) 0  
MIT (F) 17—Newton Junior C. 0

### Lightweight crew

MIT (V) 7:05, Navy 7:25,  
Penn 7:30  
MIT (JV) 7:14, Navy 7:28,  
Penn 7:53  
MIT (1st F) 7:40.5, Penn 7:47  
MIT (2nd F) 7:46.5, Penn 7:55

### Heavyweight crew

Wisconsin 6:08.9, MIT (V) 6:12  
Dartmouth 6:15.8  
MIT (JV) 6:12.5, Dartmouth 6:27.5  
MIT (3rd V) 6:10.6,  
Harvard 6:11.2  
MIT (1st F) 6:15.2,  
Dartmouth 6:20.5  
MIT (2nd F) 6:26.5,  
Dartmouth 6:42.5

### Golf

MIT placed 22nd in the  
New England  
Winchendon School 13 1/2, MIT 6 1/2

### Lacrosse

UNH 8 — MIT (V) 3  
MIT (V) 8 — Tufts 1  
MIT (V) 7 — Trinity 5  
Lawrence Acad. 6 — MIT (F) 1

### Sailing

MIT (V) placed 1st in NEISA  
Dinghy Finals  
MIT (F) placed 1st in Tufts  
Freshmen Minor

### Tennis

MIT (V) 6 — Trinity 3  
Phillips Andover 9 — MIT (F) 0  
Trinity 5 — MIT (F) 4

### Track

MIT (V) placed 5th in the  
Greater Boston meet  
Columbia 86 — MIT (V) 62  
Columbia 88 — MIT (F) 52

# Baker B wins IM table tennis championship over second-place Burton B 86.2 to 64.7

Baker House "B" won the hotly contested table tennis championship last week in an exciting rematch with Burton House "B." The winning team's members were Bert Marvin '65, Roger Wright '65, and Ben Melkum '64.

Baker House edged out Burton House for total match points with Baker totalling 86.2 against Burton's 64.7. Among the various living groups, Chinese Student's Club was third with 43.5 points, Alpha Epsilon Pi finished fourth with 39.1 points, Senior House was fifth with a total of 7.1 match points.

AEPI's total represents the greatest number of IM points earned by any Fraternity in the last four years, and could well

indicate the beginning of the end of dormitory dominance in this sport.

## FINAL STANDINGS

Team	IM pts.
1. Baker House B	86.2
2. Burton House B	64.7
3. Chinese Students' Club A	43.5
4. Alpha Epsilon Pi A	39.1
5. Baker Ball Busters	18
6. Burton House C	18
7. Baker House A	11.5
8. Chinese Students' Club B	11.5
9. Burton House A	6.7
10. Baker House D	6.7
11. Senior House A	6.7
12. Graduate House	6.7
13. Tau Epsilon Phi A	2.8
13. Tau Epsilon Phi B	2.8
13. Alpha Epsilon Pi B	2.8
13. Bexley Hall A	2.8
17. Alpha Epsilon Pi C	1.3
17. Sigma Phi Epsilon	1.3
17. Lambda Chi Alpha	0.7
20. East Campus A	0.4
20. East Campus B	0.4
20. Senior House B	0.4
20. Alpha Tau Omega	0.4
20. Zeta Beta Theta	1.6
20. Phi Delta Theta	2
Off Campus Group***	6

\* Forfeits at -2 points each

# TSE offers business opportunities in variety of student activities

by David Vanderwerf

Technology Student Enterprises, which was incorporated last August, is already growing swiftly, according to its former president, Mike Armstrong.

Beginning with the operation of charter flights over Christmas vacation, TSE has now branched out into auto sales and is constantly considering new plans for implementation.

TSE was first considered about five years ago, says Armstrong. A temporary subcommittee of Incomm was set up to consider the problem of students who were conducting their own businesses. The purpose of the committee was to study use of the Institute's name in such activities, and to set up some sort of coordinating body both to control such activities and to protect individuals from the financial consequences of business failure.

The final decision of the committee was that the only feasible way to accomplish this was with a corporation. The corporation could take responsibility for student businesses, authorize their operations, and if necessary absorb losses.

The TSE corporation has stock which is held in trust by MIT. Its board consists of student officers and members of the faculty, alumni, and administration. The corporate officers hire managers for individual activities, and the relationship of the managers to the corporation is negotiated.

From charter flights and car sales, TSE is now expanding into acquiring campus representatives for companies. Foreseen for the near future are a student linen agency and a student calendar.

In the future TSE may branch into other fields. "We're quite happy to talk to anyone with ideas — crackpot or otherwise," says Armstrong. Areas possible for the future include a student catering agency, a technical advertising agency, and a computer programming service.

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# AN OPEN LETTER

## TO THE YOUNG MEN AND WOMEN OF SOUTHAMPTON'S DEBUTANTE PARTY

**WE READ A STATEMENT** in the Press made by one of the young defendants after the court case involving alleged damages at a debutante party in Southampton, Long Island: "Everyone knows there is too much drinking in this country, but what can you do about it? Everybody knows the morals of this country are going down the drain."

**WE THE UNDERSIGNED** believe we have the answer to the young man's question.

We believe it is time our generation stopped self-righteously deploring this state of the nation or irresponsibly contributing to it. The time has come to change it.

**WE REPRESENT** hundreds of young Americans across the nation who have committed their lives to create a new society in America and the world with the global program of Moral Re-Armament.

**WE ARE IN REVOLT** against a society which creates the climate of immaturity and lawlessness that leads to such a debacle and to such a cynical statement. We have got to stop it.

**WE ARE IN REVOLT** against the gutlessness of "good" Americans who lack the courage to explode the corruption existing in all levels of our society, who sit silently while one woman forces God out of our schools, who permit men committed to atheism and anti-God to proceed unchecked, who proclaim one set of standards and live another.

**WE ARE IN REVOLT** against the line of the "new morality" which is forced down our throats by books, magazines, television, films, professors and some churchmen. Sex, violence, lust and godlessness are taking over the nation. When venereal disease among young Americans rises 130% between the years 1956 and 1961, when 13,000,000 children come from broken homes—who is responsible? We are.

**WHERE ARE THE YOUNG AMERICANS** who will pay the price in their own lives to stand up for what is right in the country? Where are the fighting Americans who will cure the hatred, bitterness, impurity and selfishness

which divide families, destroy races, deaden youth, split nations?

**THE FREE WORLD** looks to us for leadership. The captive world looks to us to make freedom a reality again. We know that if America fails the world fails.

**WE ARE OUT TO BUILD A NATION** where families teach mankind how to live together, where industry—management and labor—teach the whole world how to work together, where all races, colors and classes learn together with all nations how to lead the whole world forward. We are out to create a force of young Americans more dedicated to building a world that works than any Communist or materialist. We will create an America to whom the whole world will turn and say, "That is the way men are meant to live."

**WE BELIEVE IN MODERN AMERICA.** We believe she will rise to the challenge of the times. We believe she will demonstrate the great reality that free men will accept of their own accord the discipline to be governed by God, so that millions on the earth will never be ruled by tyrants.

**THE CHALLENGE** facing the American youth is not to go backward to the decadence that destroyed the Roman Empire, but to go forward to the revolution of Moral Re-Armament.

**WE CAN REBUILD THE MODERN WORLD.** Let us go forward to absolute moral standards for all men everywhere: absolute honesty, purity, unselfishness and love, not as an end in themselves, but as a means for giving us the energy, the maturity, the responsibility, the clarity that will take humanity forward to the next stage in human evolution.

**THREE THOUSAND OF US** are meeting this summer in a Conference for Tomorrow's America at the Moral Re-Armament Center, Mackinac Island, Michigan, to shoulder that task together. We invite every young American who has the courage and spirit to care for his nation and the future of mankind to join us.

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MARY GALLWEY, Manhattanville College '66  
S. DOUGLAS CORNELL, St. Albans School '64  
STEPHEN RICKERT, Princeton University '65  
SUSAN CORNELL, Radcliffe College '63

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# Heavy crews win two from Dartmouth

by W. Thomas Compton  
The MIT first freshmen heavies won their first race of the season, an impressive win over the Dartmouth frosh. Both crews started even, but MIT, rowing at a lower stroke, pulled away slowly, successfully thwarting Dartmouth's bids to pull even. MIT only needed to go to 37 at the finish to take the high-sprinting Dartmouth crew by open water. The times were MIT, 6:15.2, Dartmouth, 6:20.5.

The second frosh won their second of the year, beating the Dartmouth boat by almost four lengths. In this race it was the same story, with MIT pulling out on Dartmouth throughout the race. MIT crossed the line in 6:26.5, 16 seconds ahead of Dartmouth in the largest winning margin of the day.

**Lightweight crew**  
The Tech "peewees" completed

the MIT sweep in Philadelphia as both frosh boats beat their Penn counterparts by decisive margins. This week starred a new first boat stroke, Larry Taggart, but the frosh seemed to like the change because they had no trouble disposing of the Quaker frosh in times of 7:40.5 to 7:47. The seats in that first boat are by no means secure, however, for the winning time for the second boat was only 6 seconds slower in conditions that tended to be just a bit windier.

## Baseball

The baseball team was 1-1 this week. They lost to Northeastern 4-0 on Thursday and then stoned Newton Jr. College cold at 17-0.

Paul Hoxie pitched against Northeastern. Poor fielding by the Engineers resulted in Northeastern's scoring three unearned runs.

Rick Papenhausen went the

seven innings against Newton. He struck out 10, allowed 2 hits, and had 4 of Tech's 16 hits. Rick hit a triple and three singles. Ron Norelli hit a home run.

## Sailing

The freshman sailing team ventured to Tufts Sunday for a minor regatta which was abbreviated by extremely high winds. After only three races Tech stood third with 19 points, behind Northeastern with 26 and Tufts with 25, when continued high winds forced race officials to call an end to the regatta.

Without the services of Chet Osborn, Mike Zuteck, and Tom Maier, who the weekend before had led Tech to its third consecutive New England frosh championship; Rod Peterson and Jim Cronburg, assisted by Lyndon Holmes and Bill Sexauer did the skippering for MIT.

# Baseball team wins one, loses two; Beats Coast Guard in 13 innings



Photo by Saul Moollem

Don Alusic '64 hits a first-inning home run with no one on in the second game of a twin-bill with Coast Guard last Saturday on Briggs Field. MIT won the 13-inning game 4-3.

## By John Schwarz

The Tech varsity nine brought a blessed end to their disastrous thirteen-game losing streak Saturday with a thrilling 4-3 thirteen-inning win over Coast Guard in the nightcap of a doubleheader on Briggs Field. The opener had gone to Coast Guard 10-0, and earlier in the week the team had bowed to Brandeis 6-4.

Rick Gander '65 got the victory for MIT, starting and going all

the way. Besides walking five and fanning five, Gander helped his own cause in the thirteenth when he singled with one out and moments later scored the winning run on an infield grounder by Bill Graham '64. Captain Don Alusic '64 had gotten Tech off to a good start in the first inning by clouting his third home run of the year, well over the barrier in deep right field. Altogether, Tech played its best game of the season, getting six hits off two CG pitchers and committing just one error.

Larry Calof '66 started the opener for MIT and pitched well until the fifth inning when he was tagged for six runs and seven runs, although only four of these runs were earned. Tech was able to muster just three safeties off Coast Guard winning hurler Dean Parker.

Jack Mazola '66 was the losing Tech pitcher against Brandeis, though he did continue his fine hitting with a second-inning homer. Tech nearly pulled the game out, but a ninth inning rally just fell short.

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	R	H	E
Brandeis	300	000	030
MIT	010	000	201
1st game			
	R	H	E
Coast Guard	000	170	2
MIT	000	000	0
2nd game			
	R	H	E
Coast Guard	001	002	000
MIT	100	000	200

## Theta Chi takes first in IM golf with 289; Theta Delta Chi second

Theta Chi won the intramural golf meet played Saturday, May 2, at the Oakley Country Club course with a 289 total. Thirteen three-man teams participated in the one-day event.

Meet scores:	
1. Theta Chi	289
2. Theta Delta Chi	299
3. Senior House	303
4. Burton A	317
5. Tau Epsilon Phi	320
6. Baker C	328
7. Phi Delta Theta	337
8. NRSA	338
9. Zeta Beta Tau	345
10. Burton B	353
11. Baker A	373
12. Alpha Tau Omega B	414
13. Alpha Tau Omega A	436



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# Sailors 1st in Northeast: North Americans next stop

By Ken Browning

Tech's sailors survived a wild day of dinghy racing on the Charles River last Sunday—with gusts up to 45 knots—to win the Northeastern Championship, qualifying them to compete in the North American finals at Vancouver, British Columbia, on June 19-21. After a relatively calm day of racing Saturday, the northwest wind began raging, and all but one of the eight races on Sunday were marred by at least one capsizing.

Don Schwanz '66 skippered MIT to a tie for first with Harvard in his division, while team captain Terry Cronburg '66 finished second in the "A" division. Tech's consistently strong performance in both divisions gave the necessary margin (114 of a possible 140 points), placing MIT nine ahead of Harvard who edged out Coast Guard by two points for second. The Crimson, runner-up for the last four years, will also compete at Vancouver. This is the seventh year that MIT has taken this twenty-four year old

crown, the Coast Guard Academy Alumni Bowl. Defending champs University of Rhode Island placed fourth, twenty points behind third place Coast Guard.

Cronburg and Schwanz led the Tech sailors to an undefeated season in New England this spring, and, since both are sophomores, things look bright for at least the next two years.

A lot of credit for Sunday's victory is due Joe Smullin '66 and Mike Parker '66, who did the crewing for Cronburg and Schwanz respectively, Parker replacing Dave Schlosberg '64 who sailed with Schwanz on Saturday.

Sunday marked the close of the season (until Vancouver) for all but two members of the team. Ed Shaw '65 and Joe Smullin will compete this Sunday in the NEISA monotype finals which are to be held here at MIT. This racing will be in Finn class boats, the Olympic single-handed boat, and the two top skippers will compete for the national intercollegiate monotype championship at Seattle in June.

# Light crews smash Navy, Penn

By Peter Staecker

The lightweights proved to be the most unwelcome visitors in the Callow Cup competition between Navy and Penn last Saturday, as Navy won the cup but lost their shirts. It was Tech all the way in every race on windy Schuylkill with the smallest margin

of victory just a bit less than 2 lengths posted by the first frosh.

Var wins by 20 seconds

Emerging from a cloud of spray, the Varsity thrashed out to an early lead, although it was doubtful for a while whether any of the crews were making forward progress into the headwind. About seven minutes later, however, a

crew did cross the line it was Tech, and they were wet, but first. Navy and Penn then came across later. The varsity times: MIT, 7:05; Navy, 7:25; Penn, 7:30. It was a fairly easy weekend for all of the big three in the lightweight division of the EARC, however, for both Harvard and Cornell beat their respective opponents by decisive margins. All three are looking to next Saturday at Worcester, when the 1964 EARC Sprint Championship goes up for grabs.

JV's first by 3 lengths

The JV's completed their regular season schedule unbeaten as they easily overpowered their Navy and Penn opponents early in the race and opened up the gap all the way down the course, the final winning spread being just a shade over three lengths. The times were MIT, 7:14; Navy, 7:28; Penn, 7:55. The Engineer Junior Varsity is seeded first in the country. Last year, however, both the varsity and the JV were seeded first in their respective divisions before the race, but the outcome was Cornell, MIT in the varsity race, and Cornell, Harvard, MIT in the JV test. That was last year.

## Season's first loss

## Trackmen lose 86-62

By Don Bosack

MIT's trackmen were defeated 86-62 by Columbia last Saturday for the team's first loss of the season. Their record now stands at 4 wins and 1 loss.

Sumner Brown '66 and Terry Dorschner '65 were bright spots for MIT by taking two firsts each. Brown won the mile and the 880 yard run, while Dorschner won both the high hurdles and the 440 yard hurdles. Other first place winners were Kim Sloat '64, shot put; and Larry Schworer '66, 440 yard run.

In the Greater Boston track meet held on last Tuesday and

Wednesday, MIT placed fifth out of seven participating teams. The final results were: Harvard 122, Northeastern 61, Boston College 43, Boston University 28, MIT 20, Brandeis 12, and Tufts 2.

Ken Morash '65 won the highest place for MIT by taking a second in the pole vault. Other point winners were Sumner Brown '66, 3rd-mile; Terry Dorschner '65, 3rd-440 yard hurdles and 4th-high hurdles; Jim Flink '64, 3rd-220 yard dash and 5th-100 yard dash; Kim Sloat '64, 5th-shot put; Larry Schworer '66, 5th-440 yard run; and Mike Keehner '65, 5th-pole vault.

# Lacrossmen win 2 more

By Neal Gilman

The varsity lacrosse team won two more games this week, defeating Tufts 8-1 and Trinity 7-5, while dropping one to New Hampshire 8-3. Having won four out of the last five games, the squad has brought the season's tally to 5 wins and 8 losses.

The New Hampshire game, played Monday, was lost in the first quarter. New Hampshire riddled the MIT defense during this period scoring a total of 5 goals. It was not until the second period that MIT began to play lacrosse. In the 2nd quarter Ron Mandle '65 was the first Engineer to score on an assist by Captain Bill Dreiss '64. Terry Vander Werff '66 and Dreiss later scored and Pete Kirkwood '66 was credited with an assist. The New Hampshire goalie played exceptionally well, gathering a total of 27 saves for two halves. The two teams incurred a total of 24 penalties; 15 belonged to MIT.

Strong defense stops Tufts

The Tufts game, played on Thursday, was MIT's best defensive game this season. While allowing only one Tufts goal, the MIT goalie, Bob Macdonald '66, needed only to make 8 saves for the entire game to preserve MIT's victory. Wayne Matson '64 was the first to score while later in the same period he assisted Bob Wiley '66 who scored on a fast break. Don Yansen '63 and Dreiss each scored during this period. Wiley scored again in the second period along with Kirkwood and Don Yansen '63 who was assisted by Mandle. Dick Nygren '66 scored MIT's final goal in the fourth quarter.

Matson scores three

The Trinity game played at MIT on Saturday, proved to be another well-played defensive



Photo by Steve Teicher

Captain Bill Dreiss '64 (no. 15), carrying ball, and Don Yansen '64 (no. 10) move on the attack against Trinity in a game played last Saturday on Briggs Field. MIT won 7-5.

game. Matson starred, by scoring three goals. For one of his goals, Matson broke for the crease from the outside and shot with only one second left in the period. Kirkwood also scored two, taking advantage of the assists by Dreiss and defenseman Joe Kirk '64.

Later Dreiss and Mandle each scored one.

After a disappointing start, losing 7 of the first eight games, coach Martin's team can make their season or break it today. They play a strong Wesleyan team away.

## Tennis squad wins over Trinity 6-3

The varsity tennis team defeated Trinity 6-3 last Saturday on the Trinity courts to end their season with an 8-8 record. The team will travel to Williams for the New England's this weekend, represented by Jack Moter '64, Bill Petrick '65, Bob Blumberg

'64 and Ken Comey '65.

With four out of the top six players absent against Trinity, the varsity rallied around captain Moter to score a convincing defeat over Trinity. Moter lost his singles early 6-0, 6-2, but Petrick, Blumberg, Dick Thurber '66, and Andrew Glickstein '66 won to end the singles with a 4-2 lead.

Blumberg topped his opponent 6-0, 8-6, and Thurber won by identical 6-3, 6-3 scores. Petrick won in the number two singles spot with 7-5, 6-1 games. The only tense moment was when number six Glickstein was trailing behind 9-10 in the second game after having lost the first. He came on strong to win the next three games and the set. He went on to win the third set 6-3 for the match.

In the doubles, Petrick and Blumberg at number one beat their opponents easily 6-4, 6-3. At number two, Moter and Thurber also won handily by 6-4, 6-2 scores. Jon Burkhardt '64 and Doug Patz '65 lost 6-3, 6-2 at number three.

Columbia 86 — MIT 62

- Hammer:  
1. Brown (C) 172' 2. Dassel (MIT)  
3. Dorschner (MIT)  
Broad jump:  
1. Wood (C) 21' 3/4" 2. Carrier (MIT) 3. MacMillan (MIT)  
Shot put:  
1. Sloat (MIT) 47' 5 1/4" 2. Thompson (C) 3. Holloway (C)  
Pole vault:  
1. Goetz (C) 14' 6 1/2" 2. Watts (C) 3. Lukis (MIT)  
High jump:  
1. Bashassa (C) 5' 10" 2. tie—Carrier (MIT) and Holloway (C)  
Discus:  
1. Holloway (C) 147' 10 1/4" 2. Heine (C) 3. Thompson (C)  
Javelin:  
1. Defiore (C) 220' 1" 2. George (C) 3. Thompson (C)  
Triple jump:  
1. Dungs (C) 42' 10 1/4" 2. Carrier (MIT) 3. Wood (C)  
440-yard intermediate hurdles:  
1. Dorschner (MIT) 57.6 2. MacMillan (MIT) 3. Brill (C)  
Mile:  
1. Brown (MIT) 4:18.9 2. Oliver (MIT) 3. Betz (C)  
440-yard dash:  
1. Schworer (MIT) 50.7 2. Rodgers (MIT) 3. Plotkin (C)  
880-yard run:  
1. Brown (MIT) 1:56.8 2. Ciulla (C) 3. Shana (C)  
100-yard dash:  
1. O'Grady (C) 9.9 2. Flink (MIT) 3. Kristal (C)  
220-yard dash:  
1. O'Grady (C) 21.4 2. Kristal (C) 3. Flink (MIT)  
High hurdles:  
1. Dorschner (MIT) 15.9 2. Flink (MIT) 3. Brill (C)  
Mile relay:  
1. Columbia 2. MIT

## Golf team shoots 665; 22nd in New England

The MIT varsity golf team finished 22nd out of a field of 31 teams in the New England Championships held at the University of Vermont last Thursday and Friday. The four-man squad shot a two-day total of 665.

First place in the tournament was taken by Williams with a 612, closely followed by the University of Connecticut with a 617. Low medalist honors went to John Donnelly of Vermont who shot a two-day total of 147.

Top scorer for MIT was Tom Hedburg '65 who shot an 80-78, 158. Also playing on the Tech squad were Peter Lubitz '65, who shot an 83-78, 161; Dick Shoemaker '65, who picked up a 78-91, 169; and Harry Barnes '66, who scored an 88-89, 167.

## Ruggers win two of four

by Larry King

Rugby is a fast, rough, hard-hitting game. It's tackle football without padding, soccer with hands, and many things that have to be seen to be understood. The easiest way to visualize rugby is to imagine a football game in which, instead of play stopping after the tackle, the man with the ball just lays where he is while the two lines form up and fight each other to decide who will center the ball to their backfield which is waiting behind them. Play is continuous, there are no time-outs, and no substitutions. If a player is hurt, his team finishes the game with one less man. The ball can be hand passed only backward, and can be advanced forward by running or kicking. A score is made when a man with the ball crosses his opponent's goal line.

There are two ways to play rugby. It can be a game of finesse, where the backs run, pass, and kick the ball down the field, the forward line, called the scrum, coming in on defense and tackles. The other method is that of brute force, where the scrum battles, shoves, and crushes its way downfield, the backs playing defense for kicks and breakaways.

The MIT rugby team combines both. It has a tough, maneating scrum, and a hard running, coordinated backfield. The season started off slowly, and Tech yielded to concentrated scrum attack in its first two games. However, once tackling and defense were strengthened, our backs were able to push their opportunities, soundly defeating the last two opponents.

The fun of rugby is in the playing. There are no trophies. The team is not sponsored by the Institute.

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## On Deck

**Today, Wednesday, May 13**  
Baseball (V) Boston University, Home, 4:00 pm  
Golf (F) Phillips Andover, Home, 1:30 pm  
Lacrosse (V) Wesleyan, Away, 3:00 pm  
Lacrosse (F) Tabor Academy, Home, 3:00 pm  
Track (V&F) Northeastern, Home, 3:00 pm  
**Thursday, May 14**  
Golf (V) Bowdoin, New Hampshire, Away, 1:30 pm  
**Friday, May 15**  
Baseball (V) Trinity, Home, 4:00 pm  
Baseball (F) Dean Junior College, Away, 2:30 pm  
Tennis (V) New England at Williams

**Saturday, May 16**  
Baseball (F) Phillips Exeter, Home, 3:00 pm  
Heavyweight Crew (V&F) EARC Championships at Worcester  
Lightweight Crew (V&F) EARC Championships at Worcester  
Golf (F) Phillips Exeter, Away, 1:00 pm  
Lacrosse (F) Tufts, Away, 2:00 pm  
Sailing (V) NEISA Finals at Charles River  
Tennis (V) New England at Williams  
Tennis (F) Portsmouth Priory School, Away, 2:30 pm  
Track (V) Easterns at Bates  
**Sunday, May 17**  
Sailing (V) NEISA Finals at Charles River  
**Tuesday, May 19**  
Track (V&F) New Hampshire, Home, 3:00 pm